

## 7. Present management activities

There is a range of management activities being undertaken across Argyll by a number of management groups for a number of management objectives.

### 7.1. Rationale of management activities

The management activities are summarised in the table below and detailed in the following text;

Management Group	Activity	Rationale
<b>Argyll Fisheries Trust</b>	Juvenile fish surveys Adult fish surveys Redd distribution surveys Habitat surveys	There is a need to collect data on the fisheries resource to inform the management process
	Management plan development	There is a need to develop a framework for management activities to be undertaken & assessed
	Advise on consultation with developers & regulators. Attend & support of management forums.	There is a need to interact with other management groups to advise on fishery related matters
	Provide advise & support to management groups on; exploitation control Predator control Poaching control Stocking programmes Habitat intervention Easing of barriers	There is a need to consult with centres of expertise to provide advice & support on a wide range of issues
<b>District Salmon Fishery Boards</b>	Consultation with developers & regulators. Attend & support of management forums.	There is a statutory requirement to interact with other management groups to advise on fishery related matters
	Control & sanction; exploitation of resources Predator control Poaching control Stocking programmes	There is a statutory requirement to protect fish resources
<b>River &amp; Loch Improvement Associations</b>	Represent interests of local catchment(s) in management forums. Undertake management activities	There is a need to control & co-ordinate activities within catchments
	Undertake management activities; exploitation control Predator control Poaching control Stocking programmes Habitat intervention Easing of barriers	There is a need to implement activities recommended by AFT, that are sanctioned by the DSFBs

**7.2. Cross-sector management of resources**

<b>Management group</b>	<b>Management forum</b>	<b>No. per yr</b>
<b>Argyll Fisheries Trust</b>	AFT Directors meeting	4
	AFT Executive committee meeting	4
	Regional fishery management groups	12
	National fishery management groups	4
	Area Advisory Groups (WFD)	4
	Area Management Groups (AMA) & TWG	14
	Argyll Agriculture Forum	2
	Forest Design Planning & consultation meetings	2
	Integrated Coastal Zone Management forums (2)	4
	Hydro working group (S&SE)	2
	Local Biodiversity Action Group (LBAP)	2
<b>Argyll DSFB</b>	Board meetings	2
	TWG - AMA Management process	4
	Aquaculture & Fisheries Forum	2
	Hydro working group (S&SE)	2
<b>Mull DSFB</b>	Board meetings	2
	West Mull Area Management Group (AMA)	2
	Linnhe Area Management Group (AMA)	2
<b>Eachaig DSFB</b>	Board meetings	2
	Firth of Clyde Area Management Groups (AMA)	2
<b>Loch Awe Imp. Assoc.</b>	Committee meeting & AGM	5
	Linnhe Area Management Group (AMA)	2
<b>Awe District RIA.</b>	Committee meeting & AGM	2
	Lower Lorn Area Management Group (AMA)	2
	Linnhe Area Management Group (AMA)	2
	Argyll DSFB meeting	2
<b>Creran RIA</b>	Committee meeting & AGM	2
	Linnhe Area Management Group (AMA)	2
	Argyll DSFB meeting	2
<b>Nell &amp; Euchar RIA</b>	Committee meeting & AGM	2
	Lower Lorn Area Management Group (AMA)	2
	Argyll DSFB meeting	2
<b>Loch Fyne RIA</b>	Committee meeting & AGM	2
	Firth of Clyde Area Management Groups (AMA)	2
	Argyll DSFB meeting	2
<b>River Ruel RIA</b>	Committee meeting & AGM	2
	Firth of Clyde Area Management Groups (AMA)	2
	Argyll DSFB meeting	2

### 7.3. Management activities

#### 7.3.1. Exploitation Control

Management group	Activity	Frequency
<b>Argyll Fisheries Trust</b>	Assessment of Coastal mixed-stock netting Where necessary, provided recommendations controls on exploitation via management reports & forums	2004-2007 On-going
<b>Argyll DSFB</b>	Collect information on rod & net catches	2008 onward
<b>Mull DSFB</b>	Collect information on rod & net catches	2008 onward
<b>Eachaig DSFB</b>	Collect information on rod & net catches	2008 onward
<b>Loch Awe Imp. Assoc.</b>	Collect information on rod catches Recommendation of catch limit to anglers	1996 onward 2008 onward
<b>Awe District RIA.</b>	Recommendations; Return all fish pre June 1 <sup>st</sup> Limited catch of grilse (1 per rod per day) Return all fish post September 1 <sup>st</sup>	2000 onward 2007 onward 2000 onward
<b>Creran RIA</b>	Controls; Limitation on angling effort Catch & release of all fish	2000 onward 2002 onward
<b>Nell &amp; Euchar RIA</b>	4 week netting season (July-Aug) Return of all MSW salmon Total net & rod catch limit recommended	2003 onward 2006 onward 2007 onward
<b>Loch Fyne RIA</b>	Controls; Limitation on angling effort Catch & release of all fish	1999 onward 2000 onward
<b>River Ruel RIA</b>	Recommendations; Catch & release of all fish	2004 onward

**7.3.2. Habitat intervention**

<b>Management group</b>	<b>Activity</b>	<b>Frequency</b>
<b>Argyll Fisheries Trust</b>	Advisory role in many habitat improvement initiatives Consultation on Forestry felling & planting proposals. Mitigation of stream crossings with Argyll & Bute Council Roads Dept. Development of proposals for a network of best-practice habitat management & improvement sites.	1998 onward 2007 onward 2007 onward 2008 onward
<b>Argyll DSFB</b>	Advisory role in many habitat improvement initiatives. Mitigation of stream crossings with Argyll & Bute Council Roads Dept.	2006 onward 2007 onward
<b>Loch Awe Imp. Assoc.</b>	Development of habitat management & improvement plans (AFT). Drafting of sub-catchment habitat management plans (AFT)	Target of 3 per year 2008 onward
<b>Awe District RIA.</b>	Allt Kinglass sub-catchment; riparian woodland restoration project.	
<b>Loch Fyne RIA</b>	Kinglas water; riparian habitat fencing and broadleaf tree regeneration. Kinglas Water fish pass restoration. River Fyne; broadleaf tree regeneration River Aray tributary; Tom Breach habitat improvement & mainstem bank stabilising	2000 onward 2006 onward 2003 onward 2007 onward
<b>River Ruel RIA</b>	River Ruel; Ormadale Burn riparian fencing project.	2001 onward

### 7.3.3. Stocking

Stocking activities have been carried out throughout Argyll throughout the last 2 decades or so with fish originating from a number of different suppliers. Some stocking was conducted through the 80s and early 90s with fish from wild populations out with Argyll and with farmed fish progeny. It may be prudent to note that there is evidence to suggest stocking practises were in place before this time however no evidence is available to confirm this. Most of the stocking activities throughout the last 2 decades were carried out with by land owners and angling clubs who sought to improve stocks in a cost effective way. Since the formation of the Argyll fisheries trust we have tried to stop badly managed stocking practises and advice people wanting to conduct stocking into best practise techniques. Unfortunately a small number of hatcheries still operate with little influence from the trust.

#### 7.3.3.1 Loch Linnhe

##### I. River Orchy

Year	Species	Stage	Number	Supplier	Origin	Comment
1989	Salmon	fry	177000	?		Incomplete records
1990	Salmon	fry	285000	?		Incomplete records
1991	Salmon	fry	120000	?		Incomplete records
1992	Salmon	fry	60000	?	R. Shin	Incomplete records
1993	Salmon	fry	50000	?	R. Shin	Incomplete records
1994	Salmon	fry	116000	?	R. Shin	Incomplete records
1995	Salmon	fry	60000	?	R. Shin	Incomplete records
1996	Salmon	eggs	60000	?	R. Shin	Incomplete records
1997	Salmon	fry	60000	AFT	Awe/Orchy	
1998	Salmon	fry	60000	AFT	Awe/Orchy	
1999	Salmon	fry	60000	AFT	Awe/Orchy	
2002	Salmon	fry	56745	AFT	Awe/Orchy	
2003	Salmon	fry	80000	AFT	Awe/Orchy	

##### II. River Etive

Year	Species	Stage	Number	Supplier	Origin	Comment
1998	Salmon	fed fry	60000	N/A	R. Etive	

**Note.** Further stocking has taken place in the River Etive however no detailed information exists.

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## III. River Ure

Year	Species	Stage	Number	Supplier	Origin	Comment
2001	Salmon	Fry	10,000	IFF	Thurso & Namsen	This was not authorised by the CDSFB because of non-native origin.
2002	Salmon	Fed Fry	10,000	IFF	Applecross	Approved by CDSFB after discussion with Awe FT
2003	Salmon	Fry	10,000	IFF	West Coast	Approved by CDSFB
2004	Salmon	Fed Fry	10,000	IFF	West Coast	Approved by CDSFB
2005	Salmon	Fed Fry	10,000	IFF	West Coast	Approved by CDSFB
2006	Salmon	?	?	?	?	Stocked fry sampled in the R. Ure during electrofishing survey. This was not authorised by the Argyll DSFB.

## IV. River Kinglass

Year	Species	Stage	Number	Supplier	Origin	Comment
1997	Salmon	fry	300	?	Orchy	marked
1997	Salmon	fry	300	?	Orchy	marked
1997	Salmon	fry	300	?	Orchy	marked
1997	Salmon	fry	300	?	Orchy	marked
1997	Salmon	fry	1200	?	Total	
1998	Salmon	fry	600	?	Orchy	Alcian blue on tail
1998	Salmon	fry	600	?	Orchy	Alcian blue on tail
1998	Salmon	fry	500	?	Orchy	Alcian blue on tail
1998	Salmon	fry	1700	?	Total	
1998	Trout	fry	1000	?	Seafield Centre	adipose clipped
1998	Trout	fry	1000	?	Seafield Centre	adipose clipped
1998	Trout	fry	1000	?	Seafield Centre	adipose clipped
1998	Trout	fry	1000	?	Seafield Centre	adipose clipped
1998	Trout	fry	1000	?	Seafield Centre	adipose clipped
1998	Trout	fry	1000	?	Seafield Centre	adipose clipped
1998	Trout	fry	4000	?	Seafield Centre	adipose clipped
1998	Trout	fry	4000	?	Seafield Centre	adipose clipped
1998	Trout	fry	15000	?	Seafield Centre	
1999	Trout	fry	10000	?	Seafield Centre	adipose clipped
2000	Trout	fry	10000	?	Seafield Centre	adipose clipped
2001	Trout	fry	10000	?	Seafield Centre	adipose clipped
2002	Trout	fry	10000	?	Seafield Centre	adipose clipped

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### 7.3.3.2. Loch Fyne

#### I. River Fyne

Year	Species	Stage	Number	Supplier	Origin	Comment
1975	Salmon	Eyed Ova	50000	Fin Rostaad	G.S.P	Fish farm stock
1976	Salmon	Eyed Ova	50000	Fin Rostaad	G.S.P	Fish farm stock
1977	Salmon	Eyed Ova	50000	Fin Rostaad	G.S.P	Fish farm stock
1978	Salmon	Eyed Ova	50000	Fin Rostaad	G.S.P	Fish farm stock
1979	Salmon	Eyed Ova	50000	Fin Rostaad	G.S.P	Fish farm stock
1980	Salmon	Eyed Ova	50000	Fin Rostaad	G.S.P	Fish farm stock
1981	Salmon	Eyed Ova	50000	Fin Rostaad	G.S.P	Fish farm stock
1989	S. Trout	fry	25000	Stirling University	unknown	
1990	S. Trout	fry	25000	Stirling University	unknown	
1992	Salmon	fry	10000	Loch Lomond A. A.	Lomond	
1992	S. Trout	fry	10000	Loch Lomond A. A.	Lomond	
2002	Salmon	Eyed Ova	10000	Loch Fyne DSFB	River Orchy	Water quality experiment
2003	Salmon	Unfed fry	10000	Loch Fyne DSFB	River Fyne	
2004	Salmon	Unfed fry	14000	Loch Fyne DSFB	River Fyne	
2005	Salmon	Unfed fry	6000	Loch Fyne DSFB	River Fyne	
2006	Salmon	Unfed fry	15000	Loch Fyne DRIA	River Fyne	
2007	Salmon	Unfed fry	8540	Loch Fyne DRIA	River Fyne	
	Total		460000			

#### II. River Aray

Year	Species	Stage	Number	Supplier	Origin	Comment
1982	salmon	parr	5000	?	AA phone box	data sourced from Argyll Estate
1982	salmon	parr	3500	?	Carloonan	half died due to oxygen depletion
1983	salmon	parr	12000	?	unknown	
1983	salmon	smolts	9000	?	unknown	
2004	salmon	unfed fry	6000	AFT	River Fyne	
2006	salmon	unfed fry	12000	AFT	Aray	

#### II. River Kinglass

Year	Species	Stage	Number	Supplier	Origin	Comment
2003	Salmon	Eyed Ova	1000	Loch Fyne DRIA	River Fyne	water quality experiment
2007	Salmon	Eyed Ova	2200	Loch Fyne DRIA	River Fyne	Restoration project
	Total		3200			

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7.3.3.3 South Argyll

I. River Ruel

Year	Species	Stage	Number	Supplier	Origin	Comment
1996	sea trout	Parr	300	Howietoun Fishery		adipose clip / none recaptured
1996	sea trout	Parr	240	Howietoun Fishery		adipose clip / none recaptured
2000	sea trout	fry	2000	Delfour Hatchery	Applecross stock	
2000	sea trout	fry	2000	Delfour Hatchery	Applecross stock	
2000	sea trout	fry	1000	Delfour Hatchery	Applecross stock	
2000	sea trout	Parr	1000	Delfour Hatchery	Applecross stock	
2000	sea trout	Parr	1000	Delfour Hatchery	Applecross stock	
2000	sea trout	Parr	1000	Delfour Hatchery	Applecross stock	
2001	sea trout	fed fry	2000	Delfour Hatchery	Applecross stock	
2001	sea trout	fed fry	1000	Delfour Hatchery	Applecross stock	
2001	sea trout	fed fry	1000	Delfour Hatchery	Applecross stock	
2001	sea trout	fed fry	1000	Delfour Hatchery	Applecross stock	
2001	sea trout	fed fry	1000	Delfour Hatchery	Applecross stock	
2001	sea trout	fed fry	1000	Delfour Hatchery	Applecross stock	
2001	sea trout	fed fry	1000	Delfour Hatchery	Applecross stock	
2001	sea trout	fed fry	1000	Delfour Hatchery	Applecross stock	
2001	sea trout	fed fry	1000	Delfour Hatchery	Applecross stock	
2001	sea trout	fed fry	1000	Delfour Hatchery	Applecross stock	
2002	sea trout	fed fry	12000	IFF (Seafield)	Applecross stock	
2003	sea trout	fed fry	12000	IFF (Seafield)	Applecross stock	
2004	sea trout	fed fry	12000	IFF (Seafield)	Applecross stock	
2004	sea trout	fed fry	9000	Ruel	Ruel origin	

**Note.** 2004 salmon were sent to the sea field center for rearing however no detailed information exists at present.

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### 7.3.3.4 Island of Mull

#### I. River Forsa

Year	Species	Stage	Number	Supplier	Origin	Comment
2000	salmon	summer fry	12000	?	forsa	
2000	trout	summer fry	15000	?	coulin,WR	
2001	salmon	summer fry	15000	?	forsa	
2001	trout	summer fry	15000	?	coulin,WR	
2002	salmon	summer fry	20000	?	forsa	
2002	trout	summer fry	20000	?	forsa	
2003	salmon	fry	20000	?	forsa	
2003	trout	fry	20000	?	forsa	

#### II. River Aros

Year	Species	Stage	Number	Supplier	Origin	Comment
2001	Salmon	fry	5000	?	R. Forsa	
2002	Salmon	fry	3000	?	R. Forsa	
2003	Salmon	fry	2500	?	R. Forsa	

#### III. River Ba

Year	Species	Stage	Number	Supplier	Origin	Comment
2002	Trout	fry	500	?	coulin, WR	

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**7.3.4. Predator control**

<b>Management group</b>	<b>Activity</b>	<b>Frequency</b>
<b>Argyll Fisheries Trust</b>	Loach Awe Pisciverous bird census	2000
<b>Argyll DSFB</b>	Attendance & support of the Seal Management Group	2006 onward
<b>Loch Awe Imp. Assoc.</b>	Mink control programme	2003 onward
<b>Awe District RIA.</b>	River Awe seal control measures (in-river)	
<b>Loch Fyne RIA</b>	River Fyne Mink control programme River Shira Mink control programme River Aray Mink control programme	2005 onward

**7.3.5. Poaching Control**

<b>Management group</b>	<b>Activity</b>	<b>Frequency</b>
<b>Argyll DSFB</b>	Warranting & training of bailiffs	2006 onward
<b>Loch Awe Imp. Assoc.</b>	Provision of 4 part-time wardens (unwarranted)	2003 onward
<b>Awe District RIA.</b>	Full-time warranted bailiff Part-time river watcher	
<b>Loch Fyne RIA</b>	2 part-time warranted bailiffs	2005 onward